

JACKSON WINDOWS OF BRONZE *or* ALUMINUM

DOUBLE HUNG WINDOWS

STANDARD & UNDERWRITERS

TYPE E-1 CASEMENTS

WIDE FRAME

TYPE E-2 CASEMENTS

NARROW FRAME

EASY CLEAN CASEMENTS

RESIDENCE & GENERAL USE

CLEAR VISION CASEMENTS

UNOBSTRUCTED OPENINGS



CATALOGUE No 24

WM. H. JACKSON COMPANY

335 CARROLL STREET,
BROOKLYN, N.Y.

“Artisans in all metals”

THE WM. H. JACKSON COMPANY has had over a hundred years of experience in metal work. During this very long period it has been among the pioneers in developing various products which form an important part of American Architecture. As a leader in the development of Extruded Bronze and Aluminum windows, the WM. H. JACKSON COMPANY has perfected various types which meet every requirement. Architects and Engineers throughout the country are using these windows in the finest types of buildings as they are accorded the distinction of being among the best windows manufactured.

Jackson's windows are made to a precision unattainable in other metals. They are air tight and water tight without the use of weatherstrips and operate at an efficiency never before attained. These windows are made so they can be installed after the masonry opening has been completed. All of Jackson's windows are made of Bronze or Aluminum. These enduring metals give them an unlimited term of service. The qualities of permanence and economy in upkeep make Jackson windows ultimately less expensive than windows of other materials. In addition, the heating cost of a building is reduced due to their weather tightness.

Full size drawings of all types of windows will be sent to Architects and Engineers on request. Our Service Department is at your disposal and will assist in working out any unusual window problems.



OTHER PRODUCTS

For Ornamental Metal Work, Mantels, Fireplace Fixtures, Tile and Swimming Pools, see Manufacturers' Index.



WM. H. JACKSON COMPANY

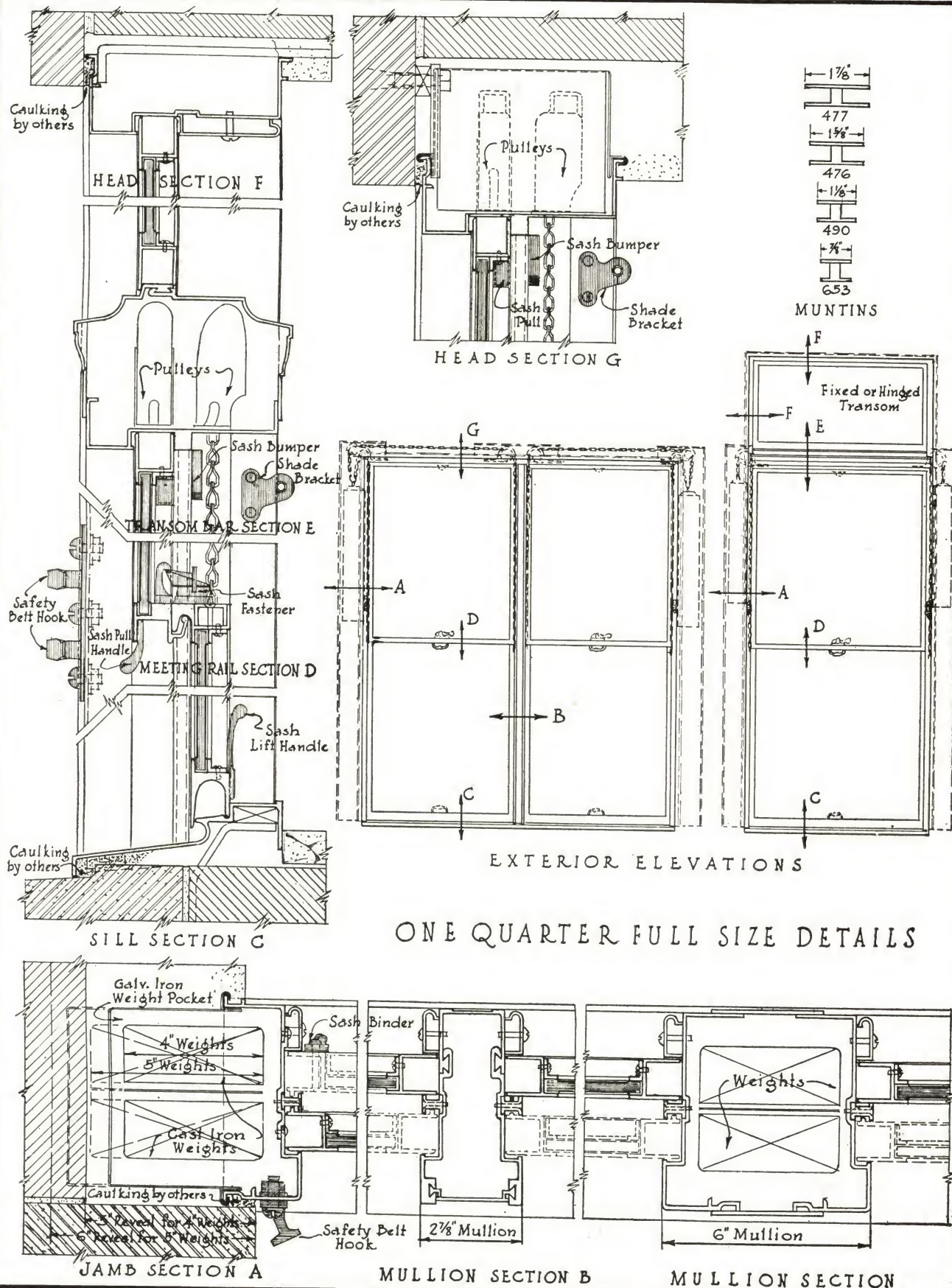
2 West 47th Street
NEW YORK, N. Y.

335 Carroll Street
BROOKLYN, N. Y.

318 North Michigan Avenue
CHICAGO, ILL.

DOUBLE HUNG WINDOWS—TYPE H-2

(See Following page for Description)



Double Hung Windows

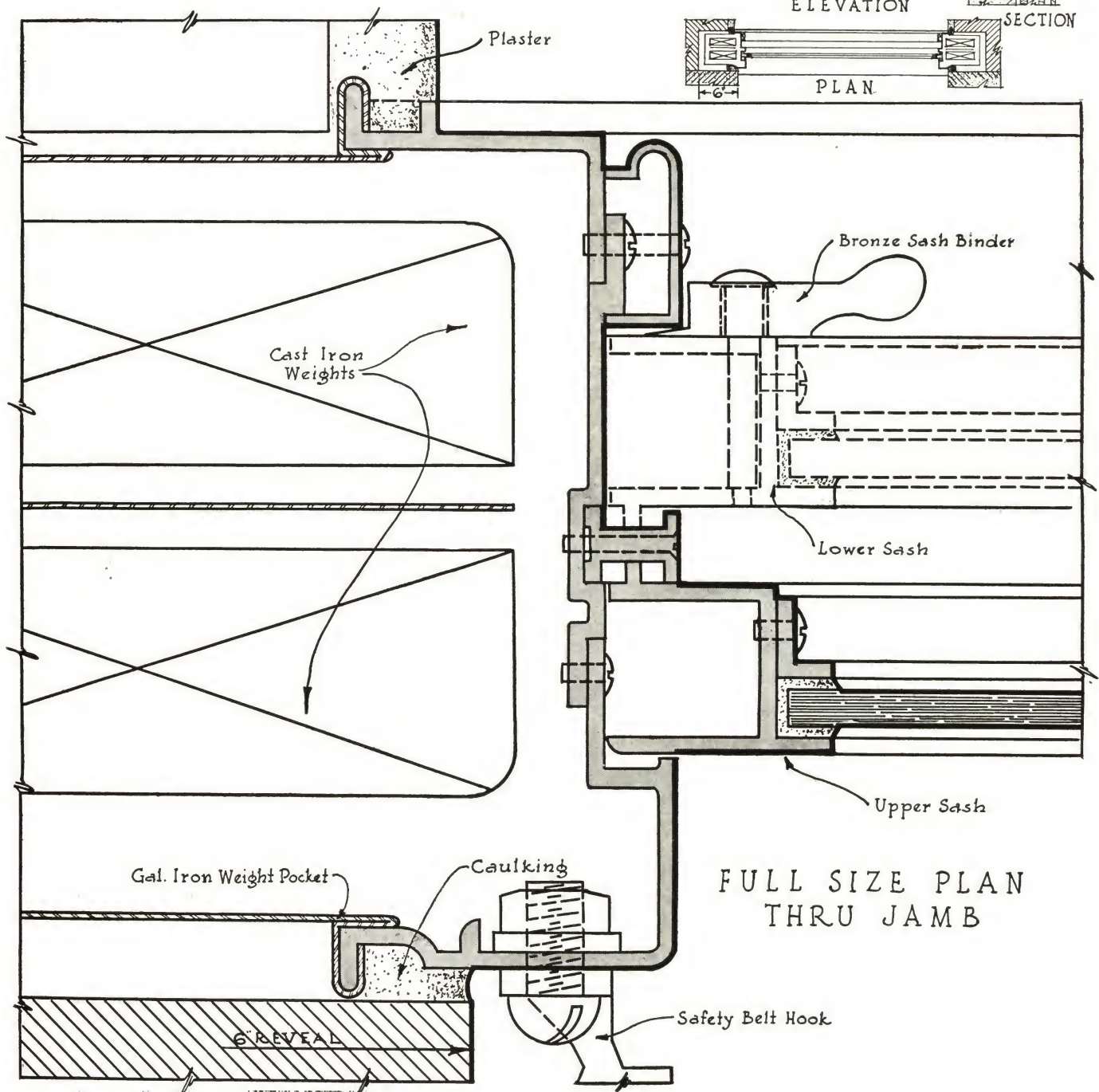
Standard Type H-2

(U. S. Pat. No. 1459668, June 19, 1923—Other Patents Pending)

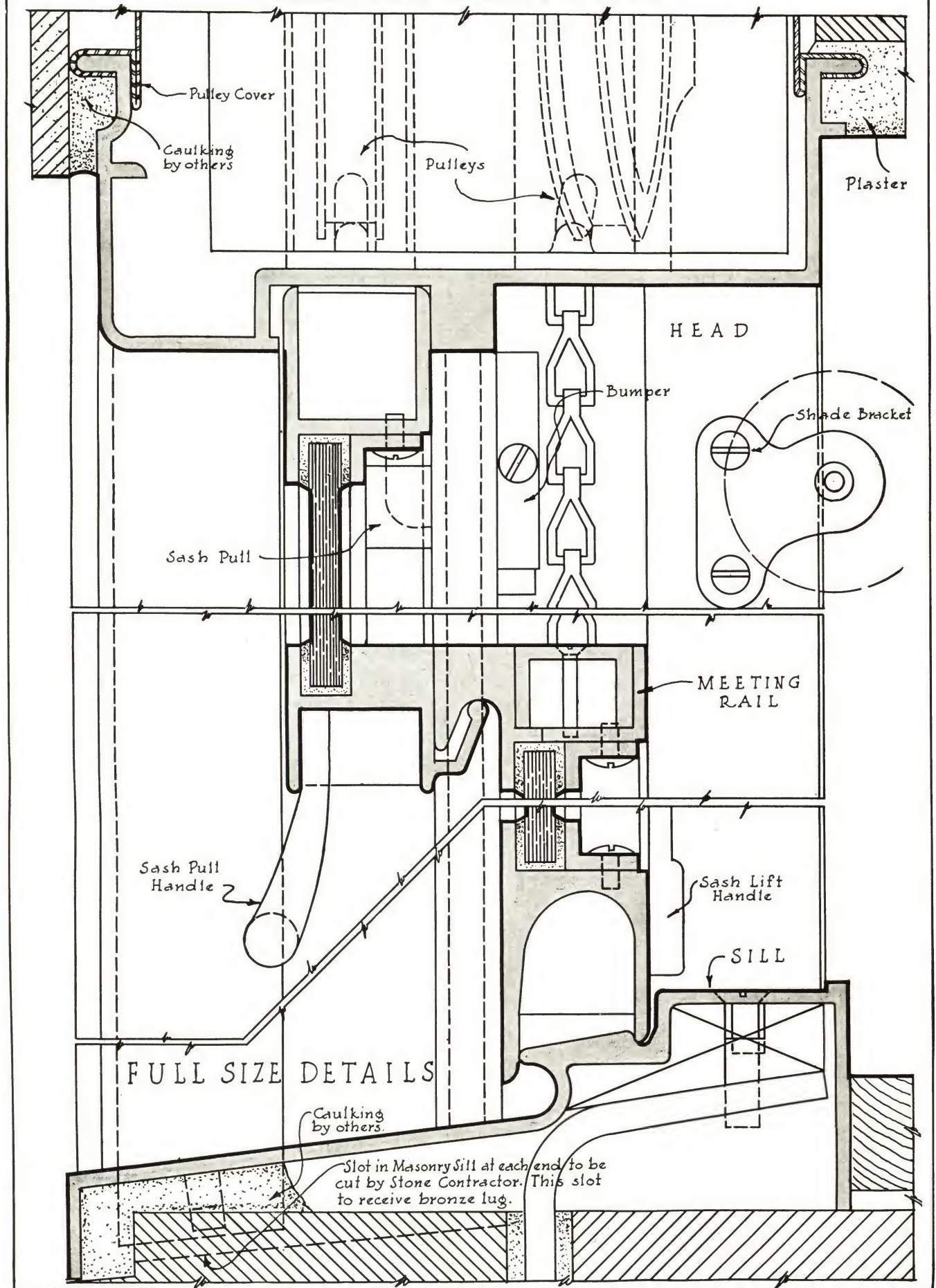
The Double Hung Windows made by the Jackson Company in Bronze or Aluminum are unexcelled in quality and operate with the greatest of ease. These windows are provided with hardware that insures them against rattling in the strongest winds either when they are opened or closed.

Fire Underwriters' Labels are issued on Jackson Type H-1 Bronze Double Hung windows which are similar in detail to Type H-2. (Write for details.) This is the only extruded bronze window approved by the National Board of Fire Underwriters.

See Specification page 12.



DOUBLE HUNG WINDOWS—TYPE H-2



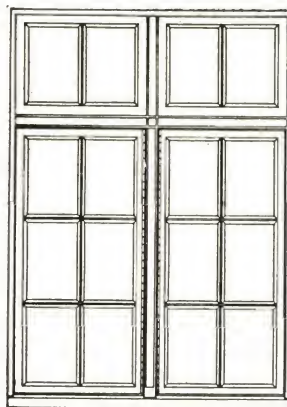
Standard Casement Windows

Types E-1 and E-2

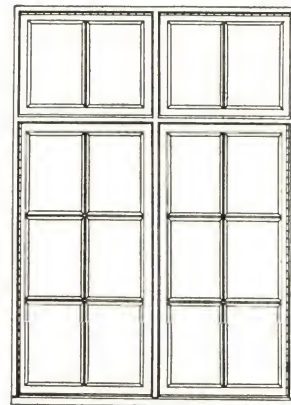
(U. S. Pat. No. 1568865, Jan. 5, 1926-Other Patents Pending)

Where the architectural treatment demands the use of Casement windows, Types E-1 and E-2 made in Bronze or Aluminum are ideally suitable. They are used extensively in buildings for Banks, Insurance Companies and monumental structures of a character where the highest grade materials are required.

See Specification page 12.

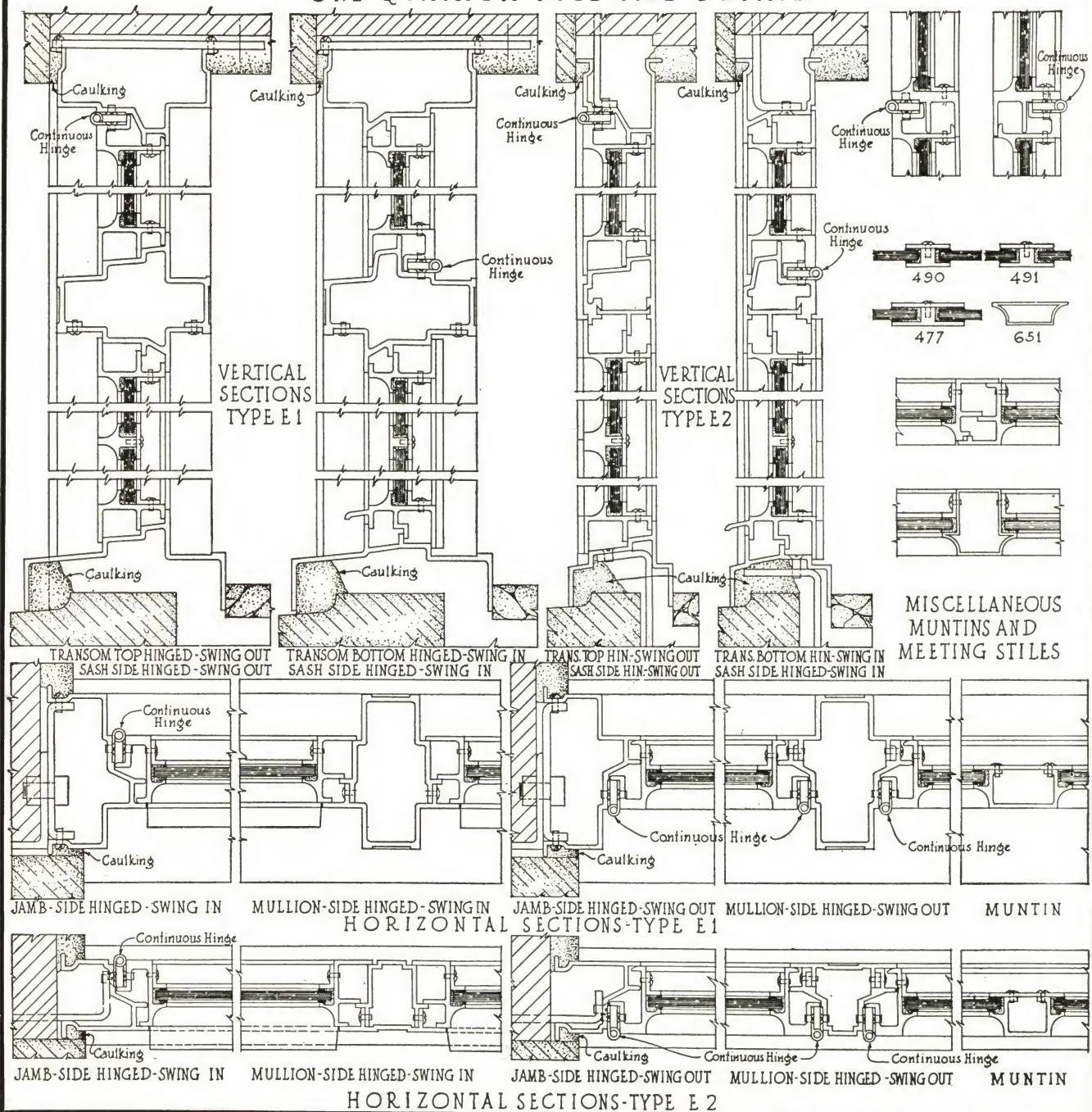


TYPE E-1

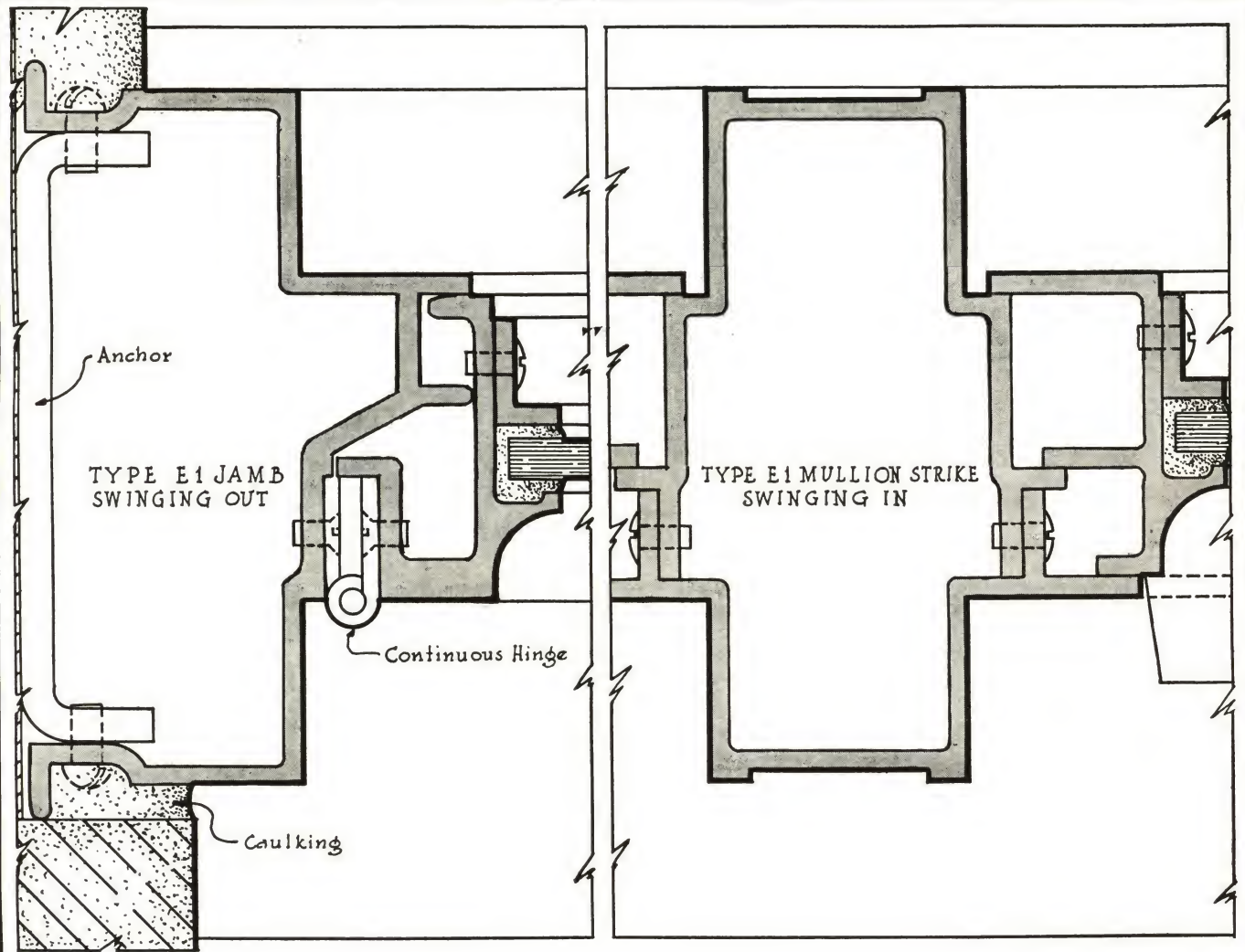


TYPE E-2

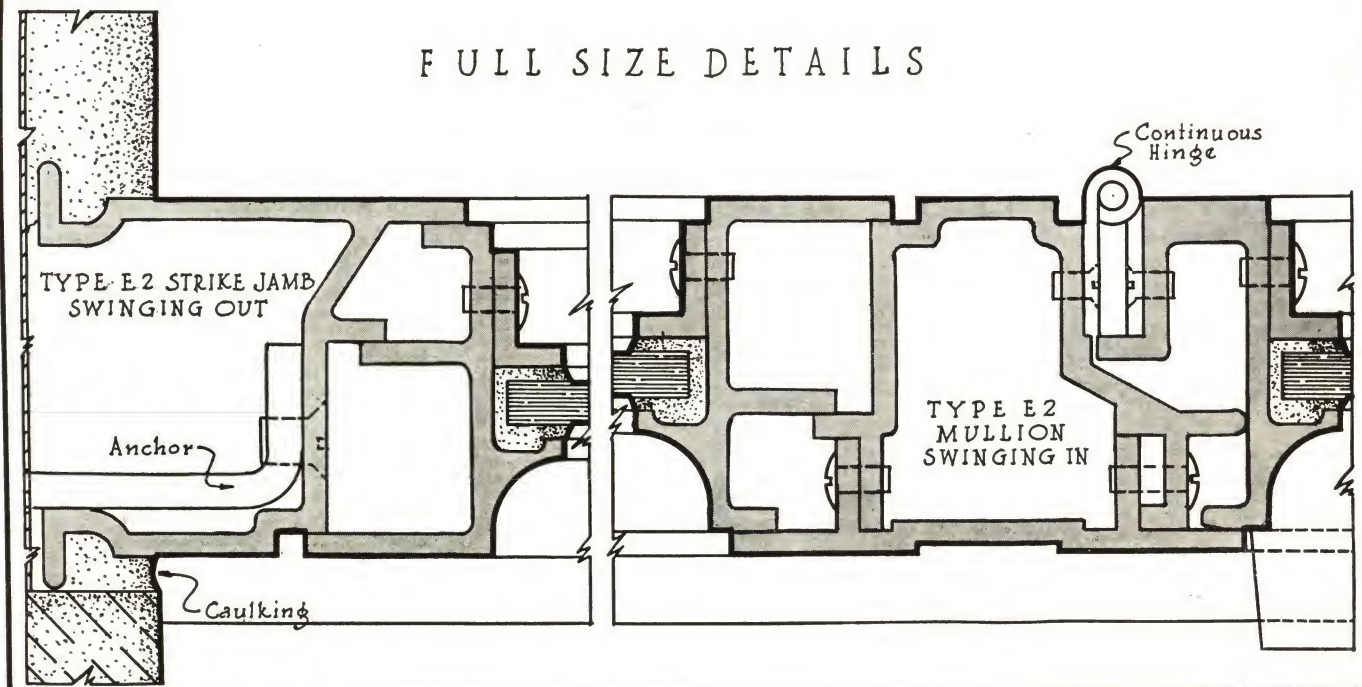
ONE QUARTER FULL SIZE DETAILS



STANDARD CASEMENT WINDOWS—TYPES E-1 & E-2



FULL SIZE DETAILS



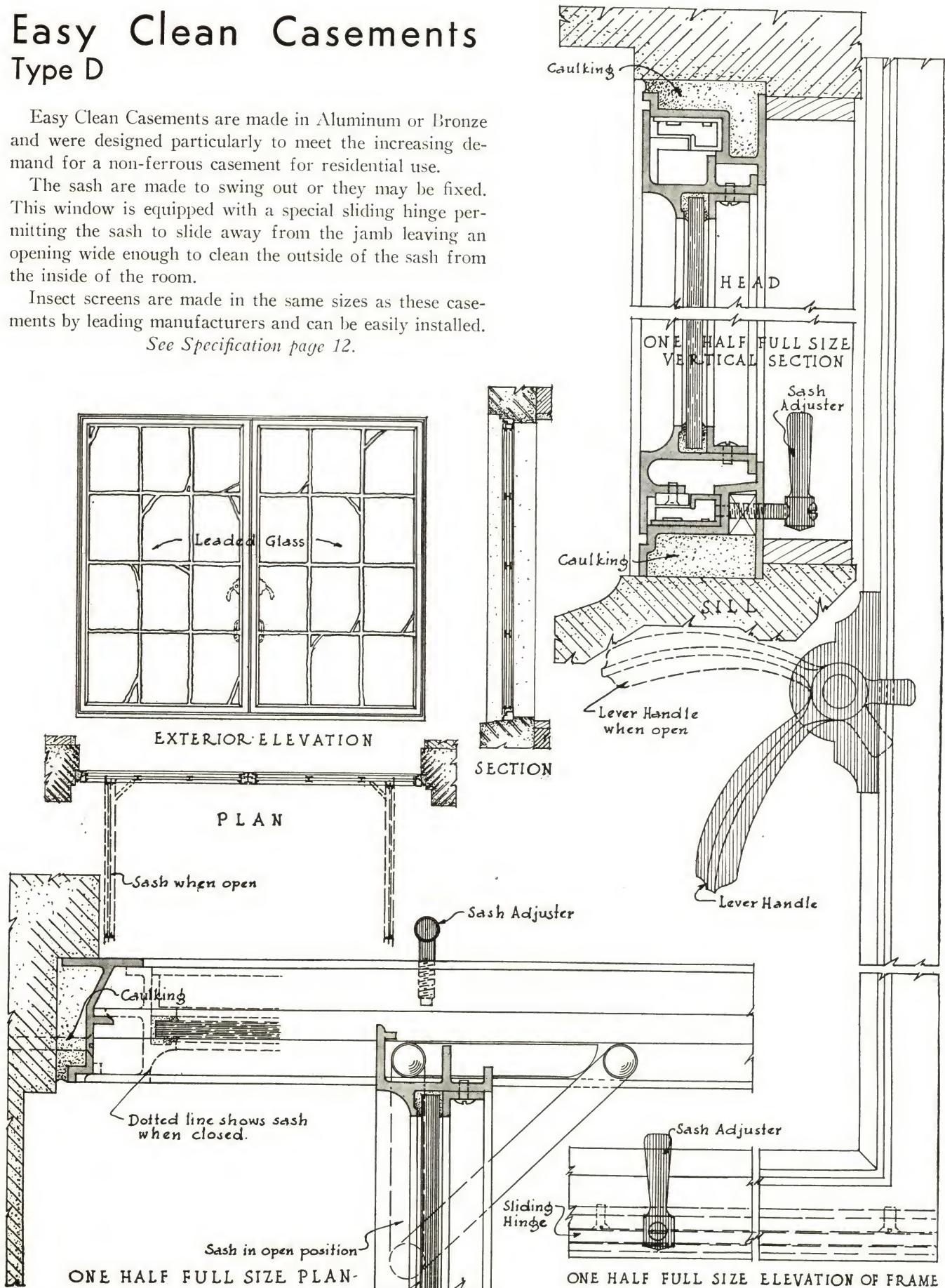
Easy Clean Casements Type D

Easy Clean Casements are made in Aluminum or Bronze and were designed particularly to meet the increasing demand for a non-ferrous casement for residential use.

The sash are made to swing out or they may be fixed. This window is equipped with a special sliding hinge permitting the sash to slide away from the jamb leaving an opening wide enough to clean the outside of the sash from the inside of the room.

Insect screens are made in the same sizes as these casements by leading manufacturers and can be easily installed.

See Specification page 12.



Easy Clean Casements Type D



A. J. Eken Residence
Madison, N. J.

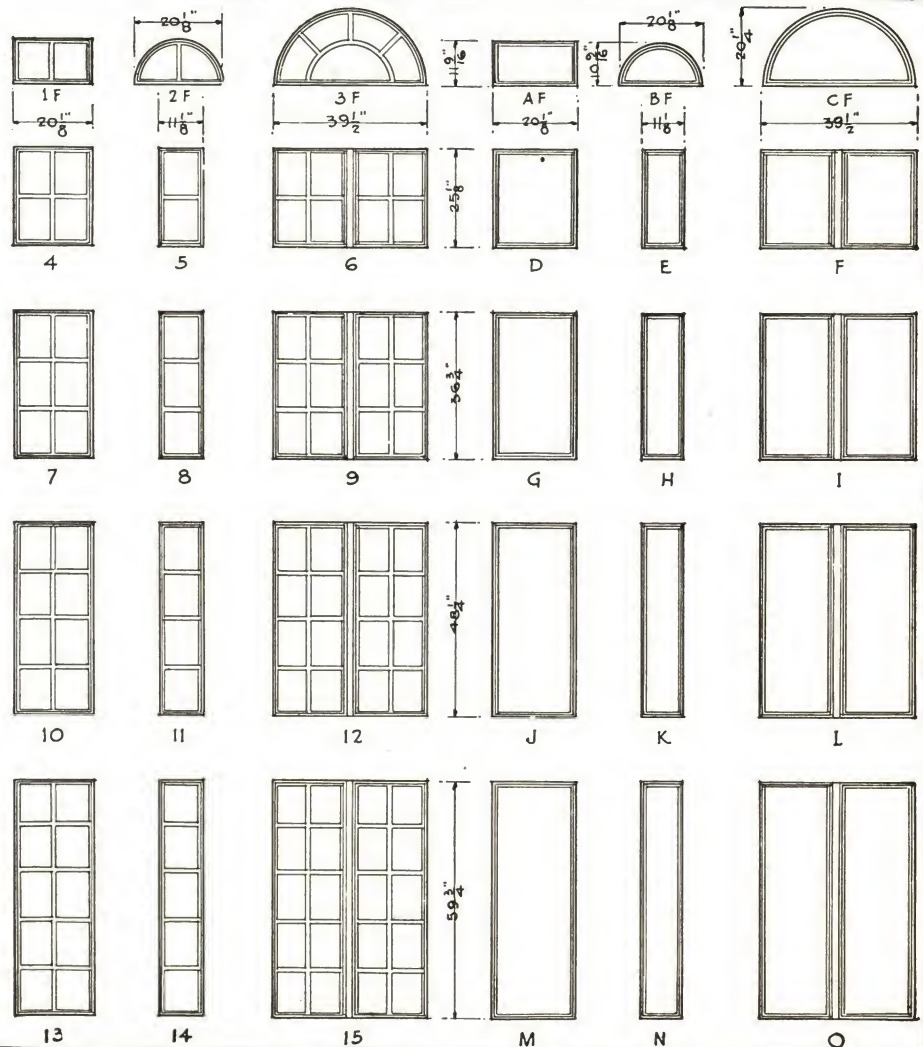
STANDARD TYPES AND SIZES

Mullions and transom bars of the same material as the sash can be furnished so that any of these units can be bolted together to make composite windows. To denote fixed sash add "F" after number or letter. To denote swing of casements add "R" or "L" after number or letter.

Right or Left swing determined thus—

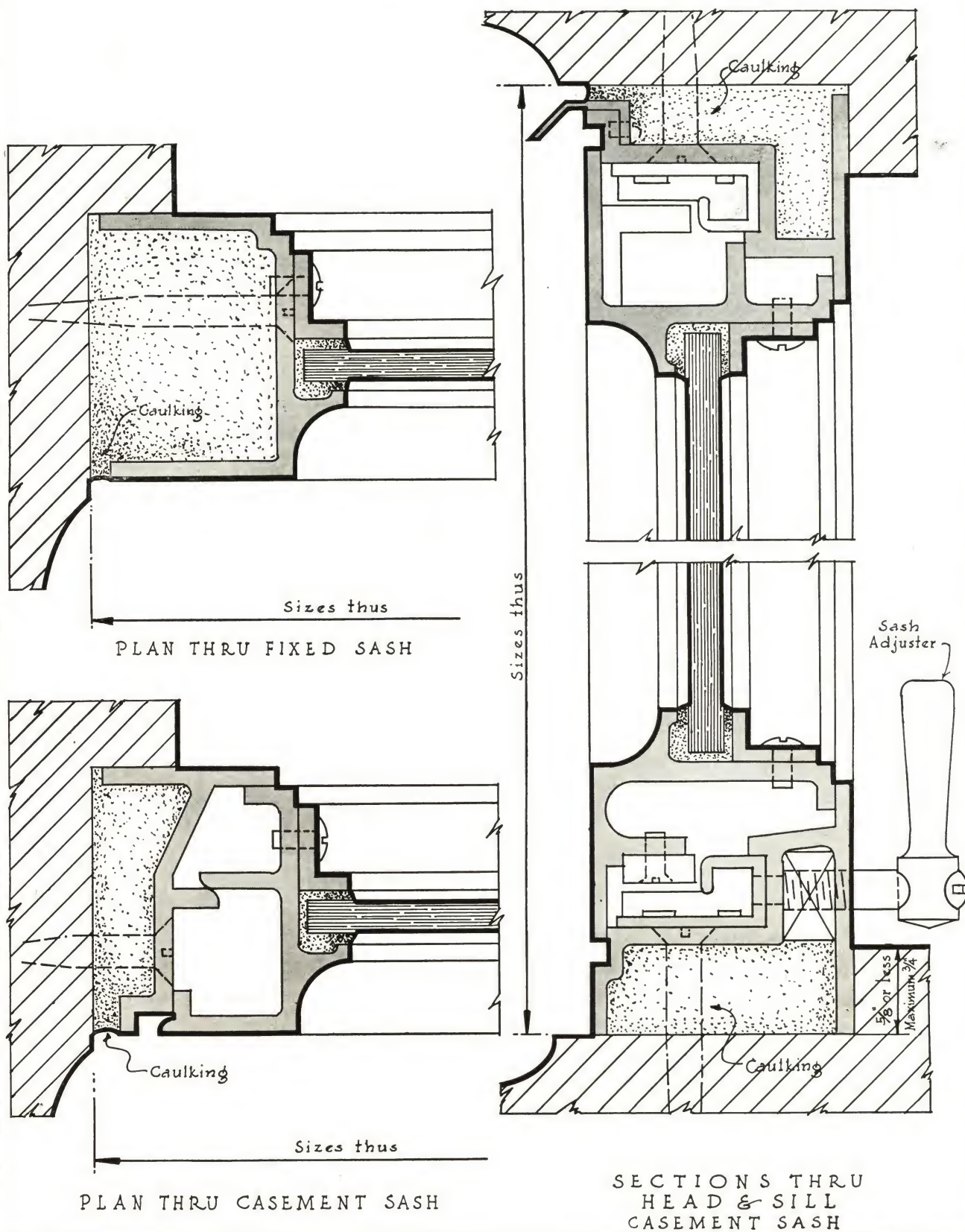


The sizes indicated are the dimensions required to receive frames. The frames are made smaller for necessary clearance.

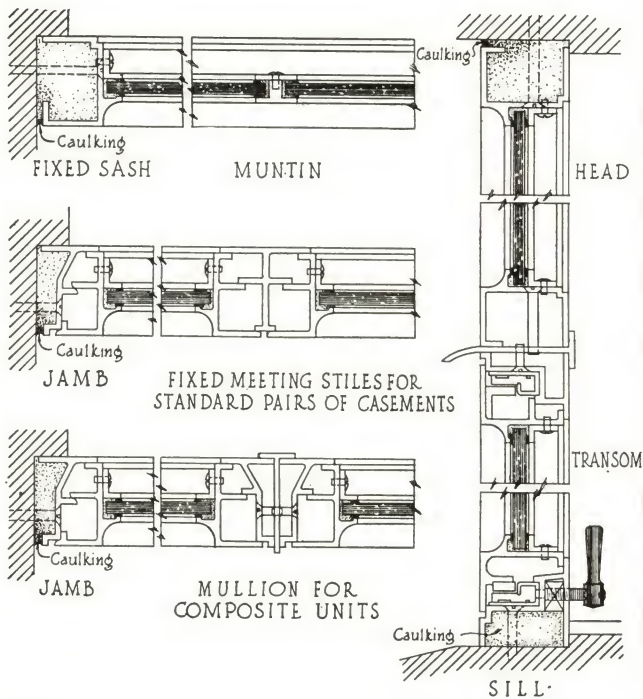


EASY CLEAN CASEMENTS—TYPE D

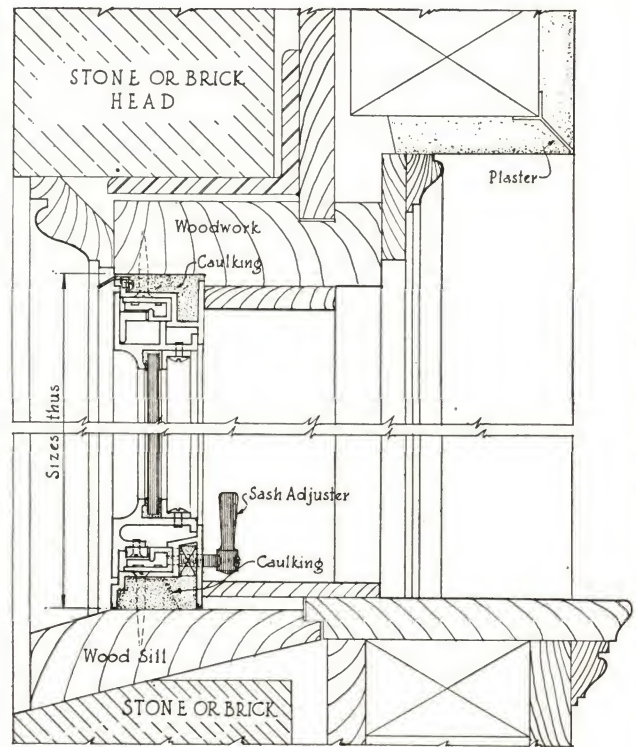
FULL SIZE DETAILS



EASY CLEAN CASEMENTS—TYPE D— (One-quarter Full Size Details)

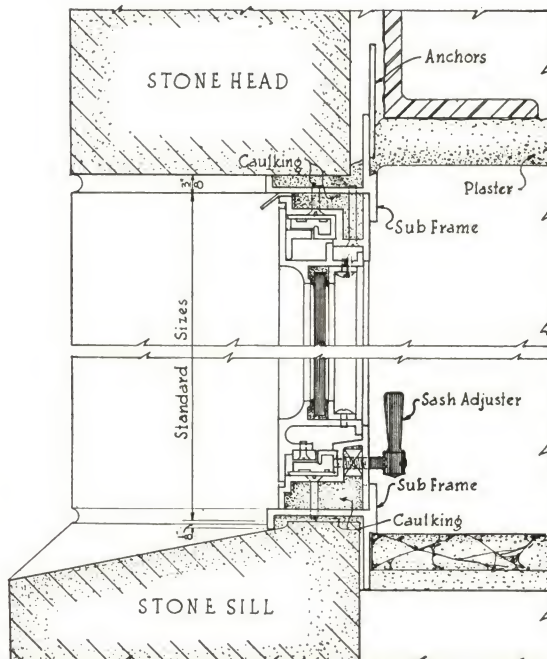


STANDARD MULLIONS AND TRANSOM BARS

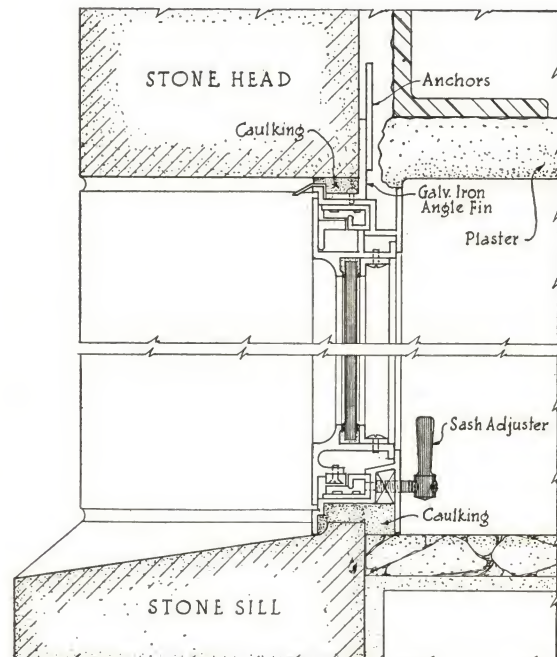


SUGGESTION FOR STONE OR BRICK VENEER CONSTRUCTION

STANDARD BUILT-IN SUB-FRAME



SUGGESTION FOR SETTING DIRECT TO MASONRY WITH CONTINUOUS ANGLE FIN



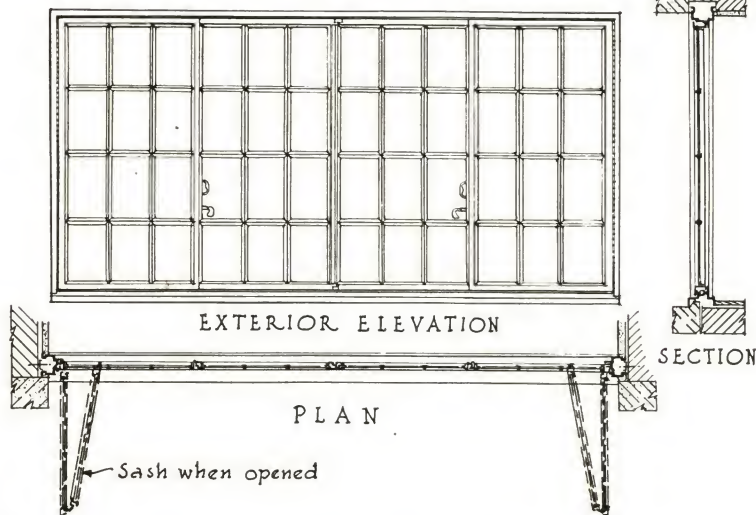
Clear Vision Casements

Type E-3

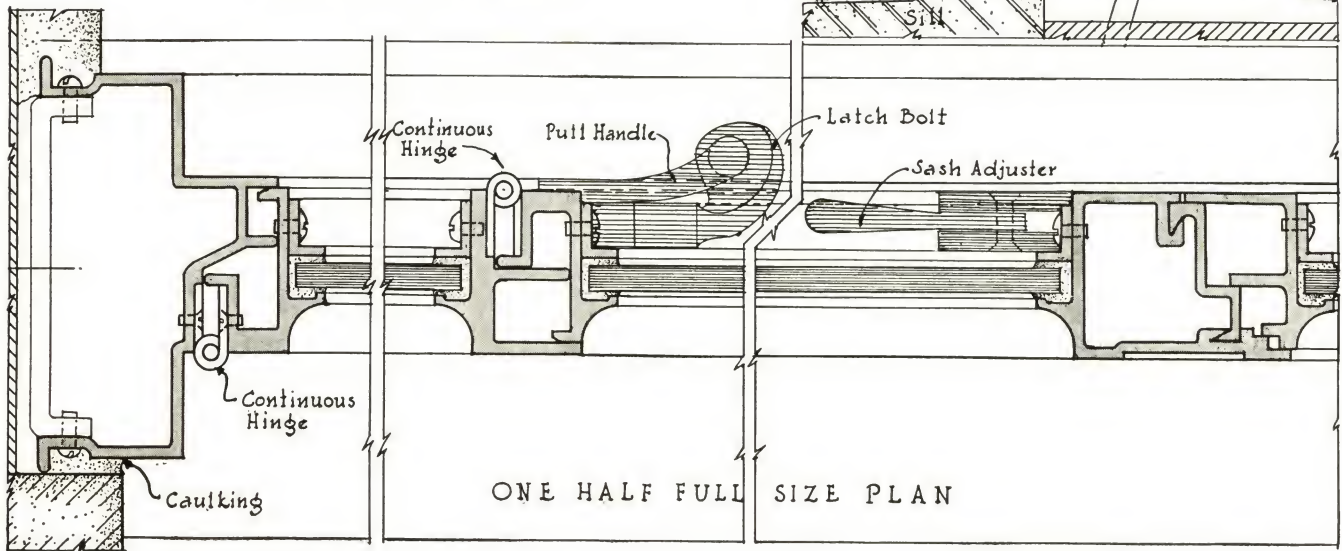
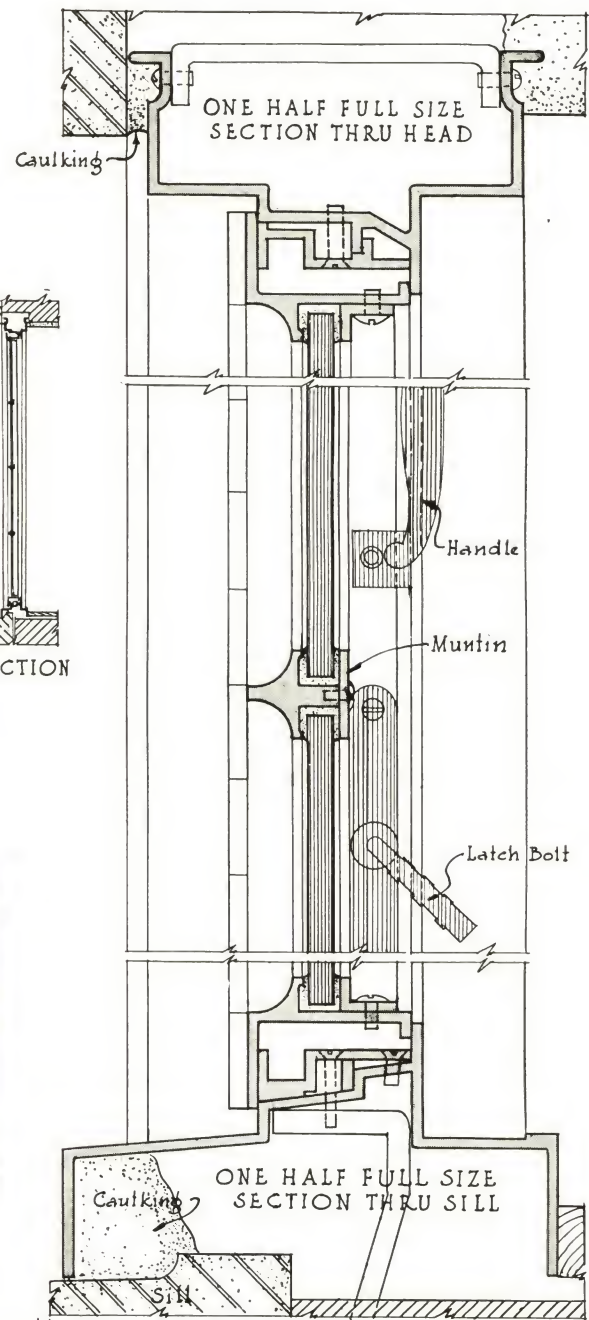
The sash of these windows when folded against the jambs give practically 100% ventilation and an unobstructed view as no mullions are required. They are particularly well adapted for Sun Porches, Dining Rooms and wherever the full enjoyment of the landscape is to be appreciated.

These windows can be furnished in either Bronze or Aluminum.

See Specification page 12.



WINDOW WITH ALL SASH OPEN SHOWING UNOBSTRUCTED VIEW



Specifications for Bronze or Aluminum Windows

(For Aluminum Windows substitute the word *Aluminum* for *Bronze*)

SHORT SPECIFICATION FOR ALL TYPES

All windows designated on drawings are to be manufactured by the WM. H. JACKSON COMPANY of types shown. They are to be made of extruded bronze not less than $\frac{1}{8}$ in. thick. The operating sash shall work freely and all hardware is to be made of bronze. The

windows are to be made air and water tight without the use of weatherstrips. After erection all dirt and stains are to be removed and windows left in a natural color.

Caulking, glass and glazing will be by others.

See note for Glazing below.

DETAILED SPECIFICATIONS

Double-Hung Type H-2

All Double-Hung windows designated on drawings are to be Type H-2 manufactured by the WM. H. JACKSON COMPANY.

The material shall be extruded bronze not less than $\frac{1}{8}$ in. thick.

The weight pockets are to be of galvanized iron (22-gauge U. S. standard) and of ample sizes to enclose the sash weights. They are to be accurately fitted and securely fastened to the jambs.

Provide and install overhead pulleys with bronze fronts and cast iron or steel ball bearing wheels of sufficient diameter to insure the weight centering in the weight pockets.

Each sash is to be fitted with two sash chain hooks and provided with solid bronze sash chains, sash chains to have approved connecting links for the weights.

Weights for sash shall be of cast iron and adjustments are to be provided where necessary, so that each sash will be accurately balanced when glazed.

Sash shall be so constructed that the glass can be removed or replaced from the inside of the building. Provide necessary glazing angles.

The overhead pulleys, weights, chains, sash stops, etc., shall be so arranged that they can be taken out easily and replaced without removing the trim or the sash.

These windows shall have two continuous metallic contacts with sills, jambs, heads and meeting rails when closed, to insure them being air and water tight, without the use of weatherstrips.

Each window is to be provided with the following bronze hardware: two approved safety window cleaning bolts, one sash lift, one sash pull, one pole socket, one sash fastener, two bumpers, two sash binders and two shade brackets.

All windows are to be firmly anchored to the masonry and are to be thoroughly cleaned after erection, removing all dirt and stains and left in a natural color. Caulking, glass and glazing will be by others.

See note for Glazing below.

Double-Hung Type H-1 Fire Underwriters

These windows are made similar to Type H-2, use same specification adding—these windows are to have the approval of the National Board of Fire Underwriters and are to bear their labels.

Note: Fire Underwriters' windows Type H-1 are made only in bronze.

Casements Types E-1 and E-2

All Casements designated on drawings are to be Type (E-1 or E-2) manufactured by the WM. H. JACKSON COMPANY.

The material shall be extruded bronze, not less than $\frac{1}{8}$ in. thick. The frame to be so designed that it forms an integral part of the outer Casement frame. Head, sill and transom bar to be similar in design and width.

The hinge side of the Casement shall be so designed that when closed it shall form a perfect interlocking three-point contact with the outer frame, and shall be hung on continuous bronze hinges. The head, sill and strike jambs shall be so designed as to make a perfect three-point contact with the outer frame when closed.

The Casements are to be side hinged to swing [out] [in], transom sash where called for are to be bottom hinged to swing in [top hinged to swing out]. The sash shall be so constructed that the glass can be removed or replaced from the inside of the building, and fitted with glazing angles.

Sash are to be fitted with solid bronze cremone bolts, friction adjusters and spring catches for pole operation on transom sash.

The Casements are to be air and water tight, without the use of weatherstrips.

All windows to be firmly anchored to the masonry and to be cleaned after erection, removing dirt and stains and left in a natural color. Caulking, glass and glazing will be by others.

See note for Glazing below.

Easy Clean—Type D

All windows designated on drawings are to be manufactured by the WM. H. JACKSON COMPANY their Type D. (see page 10 for various conditions and describe fully.) Frames and sash are to be made of extruded bronze not less than $\frac{1}{8}$ in. thick. Sash indicated are to swing out and are to be provided with special sliding hinges permitting the sash to slide away from the jamb leaving an opening to clean the outside of the sash from the inside of the room. They are also to be provided with bronze casement fasteners and concealed adjusters. All operating sash shall have three points of contact and are to be made air and water tight without the use of weatherstrips. The fixed sash are to be of channel shaped section of the same profile as the operating sash.

Clear Vision—Type E-3

Copy Specifications for Types E-1 and E-2 omitting the fourth and fifth paragraphs and substituting the following:

The sash are to be connected with continuous hinges and are to be joined together in pairs or quadruples. All sash, except the one directly connected with the jamb, are to be provided with guides allowing the sash to slide and fold together against the hinge jamb in accordion fashion. They are to be fitted with pull handles, spring catches and adjusters suitable to properly lock and control the operation (as detailed on page 11).

GLAZING

We recommend glazing with Vulcatex Glazing Compound No. 202 as made to specification of WM. H. JACK-

SON COMPANY and as manufactured by A. C. Horn Company, L. I. City, N. Y.



Stone & Webster Building
New York, N. Y.
CROSS & CROSS, Architects



Fisher Building
Detroit, Mich.
ALBERT KAHN, Inc., Architects



Fidelity Philadelphia
Trust Co.
Philadelphia, Pa.
SIMON & SIMON,
Architects



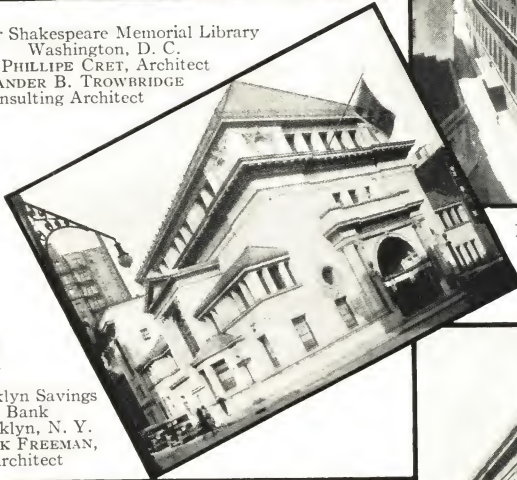
Folger Shakespeare Memorial Library
Washington, D. C.
PAUL PHILLIPS CRET, Architect
ALEXANDER B. TROWBRIDGE
Consulting Architect



Federal Reserve Building
New York, N. Y.
YORK & SAWYER,
Architects
© by I. U., Inc., N. Y.



New York Times Building
Brooklyn, N. Y.
ALBERT KAHN, INC., Architects



Brooklyn Savings
Bank
Brooklyn, N. Y.
FRANK FREEMAN,
Architect



Kings County
Savings Bank
Brooklyn, N. Y.
HALSEY, McCORMACK
& HELMER, Architects



Central Savings Bank, New York, N. Y.
YORK & SAWYER, Architects



First Mechanics National Bank
Trenton, N. J.
YORK & SAWYER, Architects



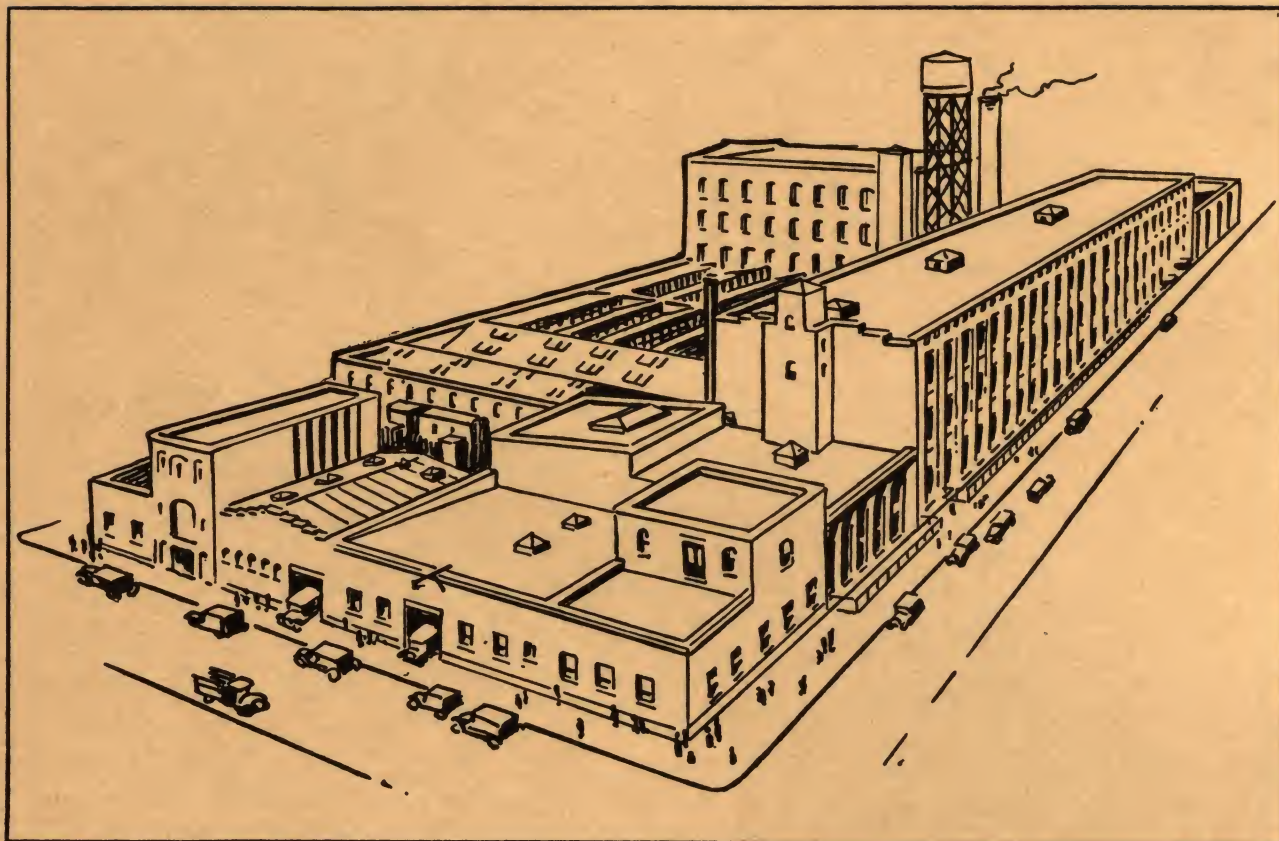
Haddon Hall, Atlantic City, N. J.
RANKIN & KELLOGG, Architects

A FEW OF THE PROMINENT BUILDINGS
EQUIPPED WITH JACKSON WINDOWS

Some Representative Installations of Jackson's Windows

BRONZE AND ALUMINUM

Building	Location	Architect
Metropolitan Life Insurance Building	New York, N. Y.	D. E. Waid and H. W. Corbett
Fisher Building	Detroit, Mich.	Albert Kahn, Inc.
New Center Building	Detroit, Mich.	Albert Kahn, Inc.
Senator Couzens Residence	Bloomfield Hills, Mich.	Albert Kahn, Inc.
New York Times Building	Brooklyn, N. Y.	Albert Kahn, Inc.
Federal Reserve Bank	New York, N. Y.	York & Sawyer
Central Savings Bank	New York, N. Y.	York & Sawyer
Transportation Building	New York, N. Y.	York & Sawyer
First Mechanics National Bank	Trenton, N. J.	York & Sawyer
Dime Savings Bank	Brooklyn, N. Y.	Halsey, McCormack & Helmer
Williamsburgh Savings Bank	Brooklyn, N. Y.	Halsey, McCormack & Helmer
Peoples Bank & Trust Co.	Passaic, N. J.	Halsey, McCormack & Helmer
Penn Mutual Life Insurance Co.	Philadelphia, Pa.	Ernest J. Matthewson
Ohio State Office Building	Columbus, Ohio	Harry Hake
Stone & Webster Building	New York, N. Y.	Cross & Cross
R.C.A. Building	New York, N. Y.	Cross & Cross
Allen Residence	Manhasset, L. I., N. Y.	Cross & Cross
Northwest District Office Building	Philadelphia, Pa.	John T. Windrim
Brooklyn Central Court Building	Brooklyn, N. Y.	Collins & Collins
Folger Shakespeare Memorial Library	Washington, D. C.	Paul Philippe Cret
N. Y. County Lawyers Building	New York, N. Y.	Cass Gilbert
Haddon Hall Hotel	Atlantic City, N. J.	Rankin & Kellogg
Kirby Memorial Health Center	Wilkes-Barre, Pa.	Thomas H. Atherton
Bank of Manhattan Building	40 Wall Street, New York, N. Y.	H. Craig Severance and Yasuo Matsui
Bloomfield Bank & Trust Co.	Bloomfield, N. J.	Uffinger, Foster & Bookwalter
Equitable Trust Company	New York, N. Y.	Trowbridge & Livingston
Graybar Building	New York, N. Y.	Sloane & Robertson
Royal Insurance Company	New York, N. Y.	Starrett & VanVleck
Federal Reserve Bank	Boston, Mass.	R. Clipston Sturgis
Travelers Insurance Co.	Hartford, Conn.	Voorhees, Gmelin & Walker
Grace Street Telephone Co.	Richmond, Va.	Voorhees, Gmelin & Walker
Buckeye State Building & Loan	Columbus, Ohio	Hopkins & Dentz
Mrs. Florence Twombly Residence	New York, N. Y.	Warren & Wetmore
Carter Residence	Honolulu, T. H.	Mayers, Murray & Phillip
C. Brewer & Co. Building	Honolulu, T. H.	Mayers, Murray & Phillip
Lakewood Cemetery Association Building	Minneapolis, Minn.	Ernest Kennedy
Fidelity Philadelphia Trust Co.	Philadelphia, Pa.	Simon & Simon
Legislative Building	Olympia, Wash.	Wilder & White
Insurance Co. of North America	Philadelphia, Pa.	Stewardson & Page
Morgan Library	New York, N. Y.	B. W. Morris
Drexel Building	Philadelphia, Pa.	Day & Klauder
American Insurance Union Building	Cleveland, Ohio	C. Howard Crane
Southern New England Telephone Building	New Haven, Conn.	R. W. Foote
Brooklyn Savings Bank	Brooklyn, N. Y.	Frank Freeman
Butterworth Residence	Moline, Ill.	C. Eckerman
H. F. duPont Residence	Winterthur, Del.	Albert Ely Ives
Lincoln Building	New York, N. Y.	J. E. R. Carpenter
Philadelphia Savings Fund Society, 4 Branches	Philadelphia, Pa.	Mellor, Meigs & Howe
Benjamin Franklin High School	Rochester, N. Y.	Gordon & Kaelber
City Club	Chicago, Ill.	Granger & Bollenbacher



Foundries and Factories

of the

Wm. H. Jackson Company
335 Carroll Street
Brooklyn, N. Y.

New York Warerooms
2 West 47th Street

Chicago Warerooms
318 No. Michigan Avenue